CLAIMS

	What is	s claimed is:
5	1.	A method of analysis comprising the steps of:
		(a) labeling at least one sample of test molecules each with a label;
10		(b) mixing the labeled sample with a second sample into a homogenous mixture of test molecules;
		(c) binding said homogeneous mixture to an array; and
15		(d) detecting at least one sample from said array.
	2.	The method of analysis of Claim 1 further comprising the step of:
20		detecting and quantifying the quantity of a test molecule in at least one sample.
	3.	The method of analysis of Claim 1 further comprising the step of:
25		detecting and differentiating between samples of test molecules through an observance of at least one label.

The method of analysis of Claim 1 further comprising the step of:

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label. The method of analysis of Claim 1 further comprising the step of: 5. 5 automated analysis. The method of analysis of Claim 1 further comprising the step of: 6. 10 an observational technique selected from the group consisting of: post-translational modification of protein study, protein expression study, and gene-expression analysis. 15 The method of analysis of Claim 1 wherein the label is a radioactive labeling agent. 7. The method of analysis of Claim 1 wherein at least one label is a distinguishing 8. characteristic of the molecule other than an incorporated chemical tag. 20 The method of analysis of Claim 1 further comprising the step of: 9. placing a screen over the array for selective filtering of signal from at least one 25 sample from said array.

comparing relative amount between samples through an observance of at least one

The method of analysis of Claim 1 wherein a sample is labeled by neutron

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bombardment

	11.	A method of labeling a sample for analysis by neutron bombardment.
5	12.	A method of detection using labeled molecules to detect the present of similar but unlabeled molecules by competitive binding to an array.
10	13.	The method of Claim 12 further comprises a step of quantifying said unlabeled molecules.
15	14.	The method of Claim 12 wherein the label is a radioactive label.
	15.	The method of Claim 12 wherein said labeled molecules are prepared by neutron bombardment.
20	16.	The method of analysis of Claim 1 wherein said array comprising immobilized label.
25	17.	An array comprising immobilized label.
	18.	Said array of Claim 17 wherein said label includes radioactive isotope.
30	19.	Said array of Claim 17 wherein said label includes biotin.

20. Said array of Claim 17 wherein said label includes fluorescence.